

# Epidemiology and Prevention of Vaccine-Preventable Diseases

## Eighth Edition, January 2004

### Major changes from the Seventh Edition (second printing, 2002)

#### Chapter 1: Principles of Vaccination

- Text and slides updated to reflect availability of live attenuated influenza vaccine (LAIV) and withdrawal of Lyme vaccine

#### Chapter 2: General Recommendations on Immunization

- Text and slides updated to reflect availability of LAIV.

#### Chapter 3: Immunization Strategies

- Immunization coverage levels updated.
- Text and graphics updated to include references to revised Standards for Child and Adolescent Immunization Practices and Standards for Adult Immunization Practices.
- Information on Adult CASA (ACASA) included.

#### Chapter 4: Vaccine Safety (moved to Chapter 4 for this edition)

- Updated data and minor text and graphic editing

#### All disease-specific chapters (Chapters 5 through 20)

- Text and graphics of epidemiology (cases, rates, age distribution, etc) and secular trends updated.
- References updated.
- Text edited in relevant chapters to reflect vaccines no longer available in the United States (PRP-D, OmniHib, OPV, Wyeth pneumococcal polysaccharide).
- Laboratory diagnosis and case classification sections updated as needed to reflect current (2002) Surveillance Manual information.
- Information on **Pediarix** (combination DTaP, IPV, hepatitis B vaccine) added to the pertussis, polio, and hepatitis B chapters.
- Detailed information on **live attenuated influenza vaccine** (LAIV, FluMist) added to the influenza chapter.
- New chapter on **meningococcal disease** added (Chapter 18).
- Information on cardiac complications of vaccination added to the **smallpox** chapter.

#### Appendices

Appendix A: Immunization schedules, tables, charts, and graphs updated

Appendix B: Child & Adolescent Standards added

Appendix C: Adult Standards added

Appendix D: Translations of Foreign Language Terms updated

Appendix H: Program Manager List updated